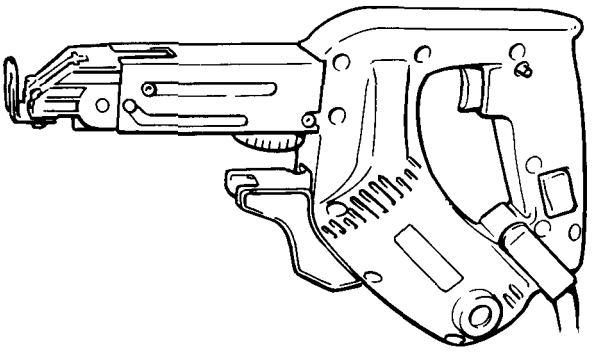
アメリカ

Auto Feed Screwdriver

MODEL 6830

Variable Speed / Reversing

INSTRUCTION MANUAL



DOUBLE INSULATION

SPECIFICATIONS

Drywall screw size	No load speed (RPM)	Overall length	Net weight
Ø4 x 25 – 41 mm (5/32" x 1" – 1-5/8")	0 – 4,700	342 mm (13-7/16")	1.9 kg (4.2 lbs)

* Manufacturer reserves the right to change specifications without notice.
* Note: Specifications may differ from country to country.

WARNING: For your personal safety, READ and UNDERSTAND before using.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

IMPORTANT SAFETY INSTRUCTIONS

(For All Tools)

WARNING: WHEN USING ELECTRIC TOOLS, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, AND PERSONAL INJURY, INCLUDING THE FOLLOWING:

READ ALL INSTRUCTIONS.

1. KEEP WORK AREA CLEAN. Cluttered areas and benches invite injuries.
2. CONSIDER WORK AREA ENVIRONMENT. Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain. Don't use tool in presence of flammable liquids or gases.
3. KEEP CHILDREN AWAY. All visitors should be kept away from work area. Don't let visitors contact tool or extension cord.
4. STORE IDLE TOOLS. When not in use, tools should be stored in dry, and high or locked-up place — out of reach of children.
5. DON'T FORCE TOOL. It will do the job better and safer at the rate for which it was intended.
6. USE RIGHT TOOL. Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended; for example, don't use circular saw for cutting tree limbs or logs.
7. DRESS PROPERLY. Don't wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
8. USE SAFETY GLASSES. Also use face or dust mask if cutting operation is dusty.
9. DON'T ABUSE CORD. Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
10. SECURE WORK. Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
11. DON'T OVERREACH. Keep proper footing and balance at all times.
12. MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
13. DISCONNECT TOOLS. When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.

14. REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
15. AVOID UNINTENTIONAL STARTING. Don't carry tool with finger on switch. Be sure switch is OFF when plugging in.
16. EXTENSION CORDS. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Table 1 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

TABLE 1 MINIMUM GAGE FOR CORD SETS

Ampere Rating More Than	Not More Than	Total Length of Cord in Feet 0 – 25	26 – 50	51 – 100	101 – 150
		A W G			
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Recommended	

17. OUTDOOR USE EXTENSION CORDS. When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. STAY ALERT. Watch what you are doing, use common sense. Don't operate tool when you are tired.
19. CHECK DAMAGED PARTS. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Don't use tool if switch does not turn it on and off.
20. GUARD AGAINST ELECTRIC SHOCK. Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.
21. REPLACEMENT PARTS. When servicing, use only identical replacement parts.
22. POLARIZED PLUGS. To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

VOLTAGE WARNING: Before connecting the tool to a power source (receptacle, outlet, etc.) be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in SERIOUS INJURY to the user — as well as damage to the tool. If in doubt, DO NOT PLUG IN THE TOOL. Using a power source with voltage less than the nameplate rating is harmful to the motor.

ADDITIONAL SAFETY RULES

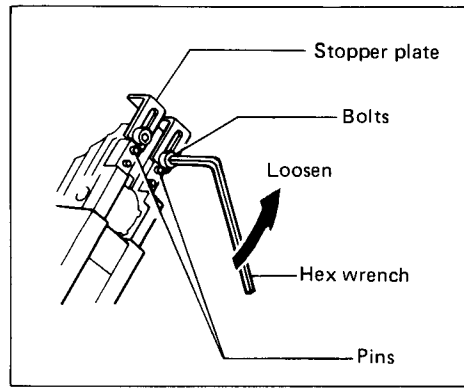
1. Use only Makita genuine driver bits and drywall screw strips specified for this machine.
2. Always be sure that the machine is switched off and unplugged before carrying out any work on the machine.
3. Hold the machine firmly and squarely against the workpiece.
4. Be sure no one is below when using the machine in high locations.
5. Do not touch any metal parts of the machine to prevent electrical shock if you drive into a "live" wire.
6. Never lubricate the moving parts such as the feeder box. Malfunction of the machine may result.

SAVE THESE INSTRUCTIONS.

Adjusting the stopper plate

Loosen the bolts which secure the stopper plate. Adjust the stopper plate in accordance with the screw length as shown in the Fig. A.

Fig. A-1 : For screws 25 mm ~ 28 mm long
Fig. A-2 : For screws 28 mm ~ 35 mm long
Fig. A-3 : For screws 35 mm ~ 41 mm long



Then tighten the bolts to secure the stopper plate.

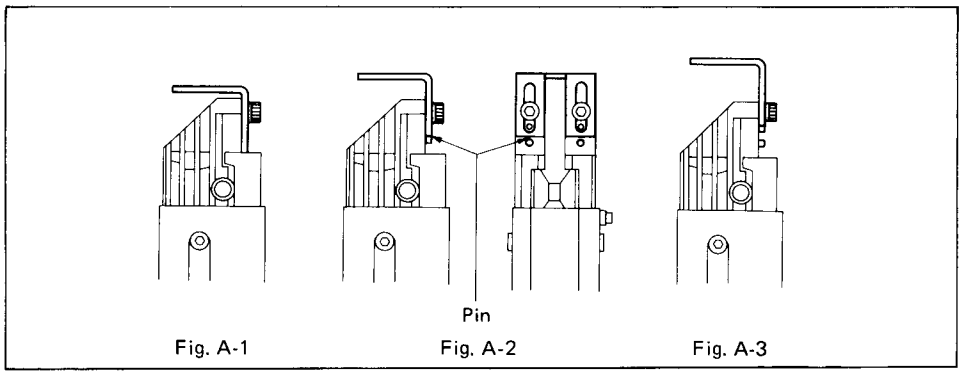
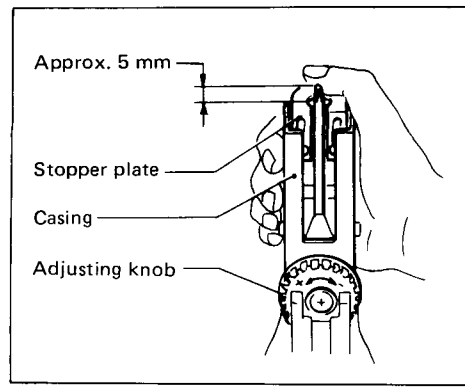


Fig. A-1 Fig. A-2 Fig. A-3

NOTE :
As for Fig. A-2 & A-3, secure the stopper plate with both ends contacting the pins on each side to keep the plate from tilting.

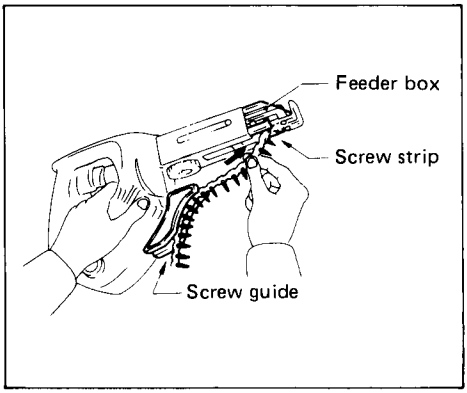
Adjusting the driving depth

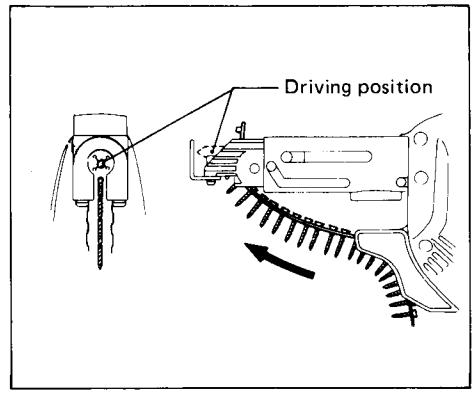
Depress the stopper plate as far as it will go. While keeping it in this position, turn the adjusting knob until the bit tip projects approx. 5 mm from the stopper plate. Drive in a trial screw. If the screw head projects above the surface of the workpiece, turn the adjusting knob in the direction of + marking; if the screw head is countersunk, turn the adjusting knob in the direction of - marking.



Installing the screw strip

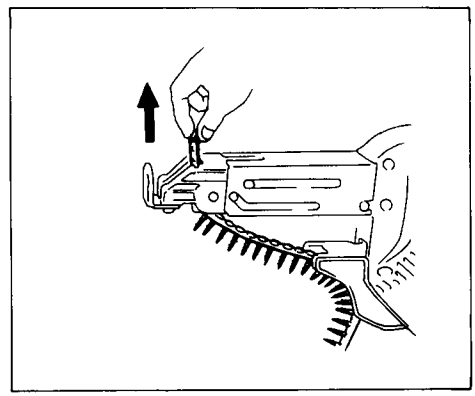
Insert the screw strip through the screw guide. Then insert it through the feeder box until the first screw reaches the position next to the driving position.





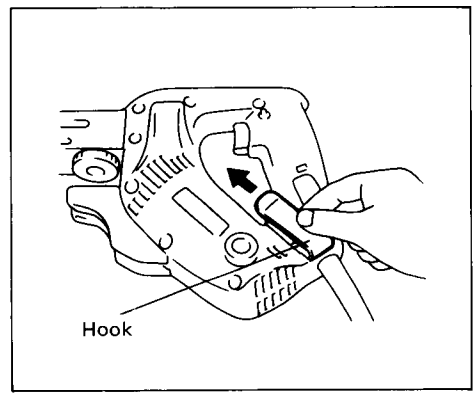
Removing the screw strip

To remove the screw strip, just pull it out in the direction of the arrow.



Carry hook

The carry hook is convenient for hooking the machine to your belt. It can be installed on either side of the machine. To remove it, pull it out in the direction of the arrow while raising. To install it, push it down until it seats against the machine with a little click.

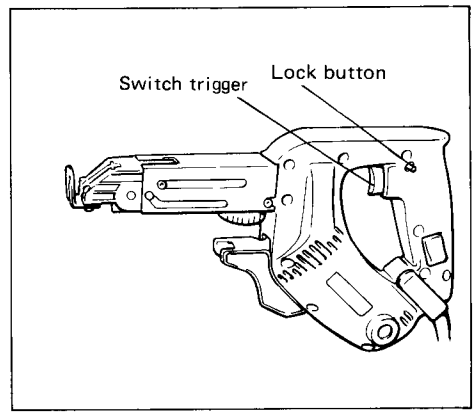


Switching ON and OFF

CAUTION :

Before plugging in the machine, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

To switch on, press the trigger. To switch off, release the trigger.



Continuous running

Press the trigger and at the same time push the lock button. To stop this lock position, press the trigger and release it.

Variable trigger speed control

The speed varies from 0 to maximum, depending on the pressure applied to the trigger. The more the trigger is pressed, the faster the machine runs.

Reversing switch

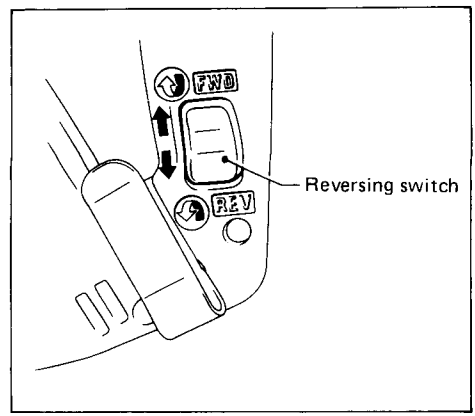
IMPORTANT :

Only reverse the direction of rotation when the motor stops completely.

To change the direction of rotation:

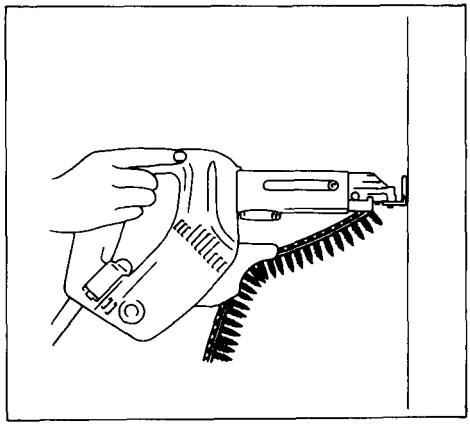
Position FWD : right hand rotation.

Position REV : left hand rotation.



Driving operation

Switch on the machine by pressing the trigger and at the same time pushing the lock button. Hold the machine squarely against the workpiece and apply forward pressure to the machine. The screw will be automatically carried into the driving position and driven into the workpiece.

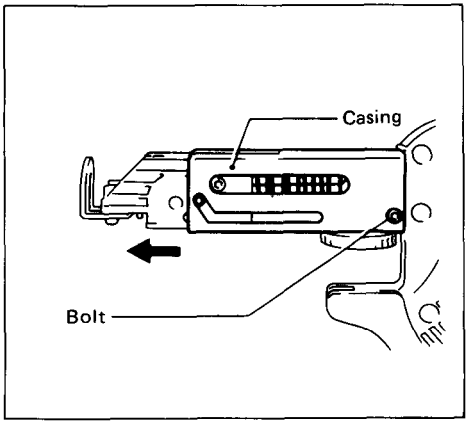


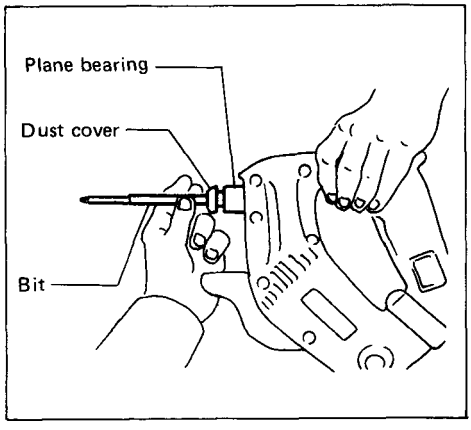
IMPORTANT:

- Do not fire the machine without screws. This will damage the workpiece.
- If the feeder box becomes sluggish in operation, spray a car wax (spary type wax) on its sliding surfaces. Never lubricate it.

Installing or removing the bit

Loosen the bolt which secures the casing. Pull out the casing in the direction of the arrow. Press the dust cover toward the plane bearing and pull out the bit. If the dust cover cannot be moved to the plane bearing, try it again after turning the bit slightly.
To install the bit, insert it into the socket while turning it slightly. After installing, always make sure that the bit is securely held in place by trying to pull it out.





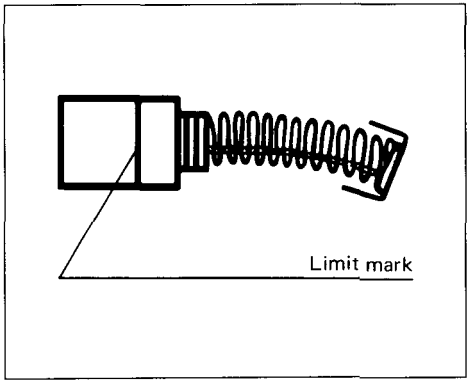
MAINTENANCE

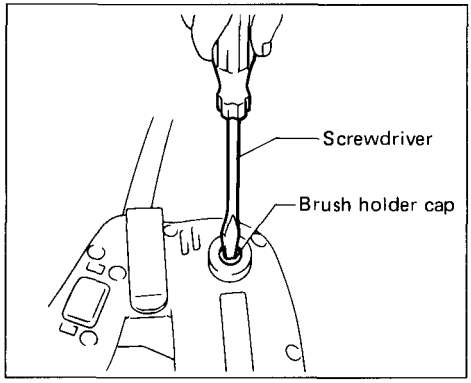
CAUTION:

Always be sure that the machine is switched off and unplugged before carrying out any work on the machine.

Replacement of carbon brushes

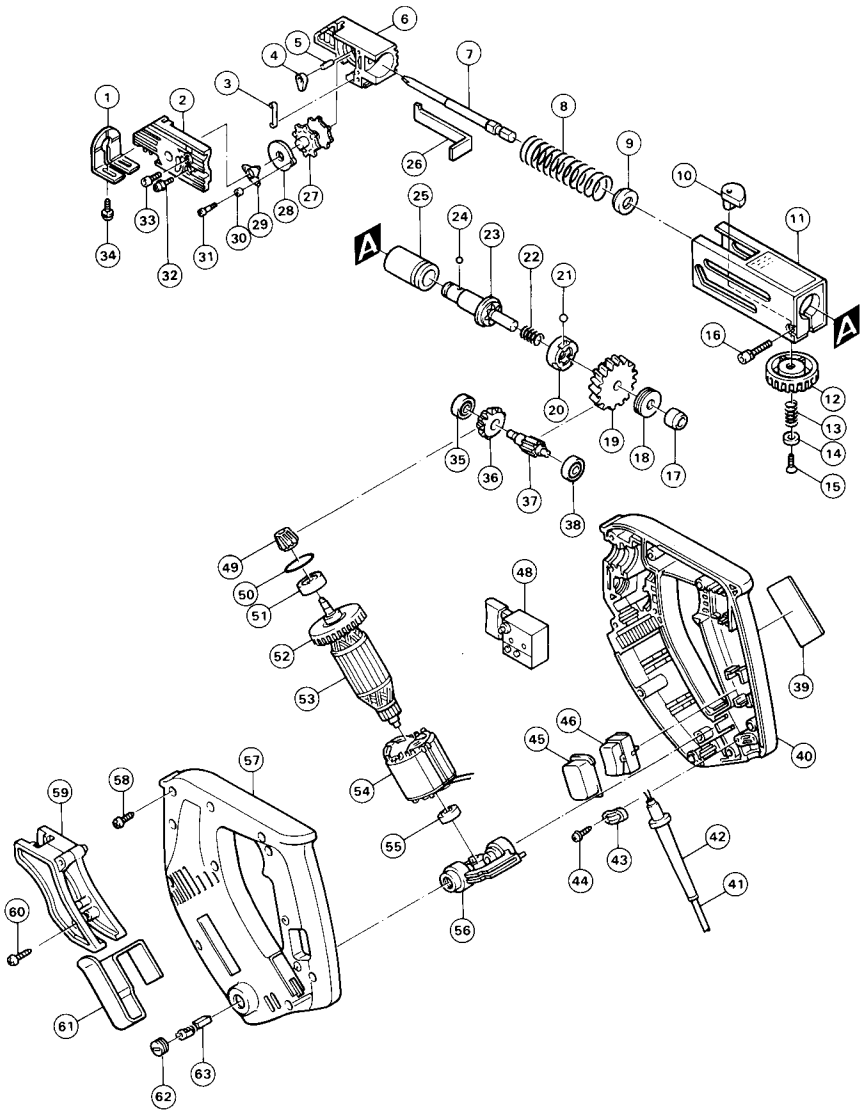
Replace carbon brushes when they are worn down to the limit mark. Both identical carbon brushes should be replaced at the same time.





To maintain products safety and reliability, repairs, maintenance or adjustment should be carried out by Makita Authorized Service Center.

AUTO FEED SCREWDRIVER
Model 6830



Note: The switch and other part configurations may differ from country to country.

ITEM NO.	NO. USED	DESCRIPTION
MACHINE		
1	1	Stopper Plate
2	1	Box Cover
3	1	Leaf Spring
4	1	Stopper
5	1	Pin 3
6	1	Feeder Box
7	1	Phillips Bit 2x117
8	1	Compression Spring 21
9	1	Dust Cover
10	1	Shifter Pin
11	1	Casing
12	1	Knob 40
13	1	Compression Spring 12
14	1	Flat Washer 6
15	1	Countersunk Head Screw M4x12
16	1	Hex. Socket Head Bolt M4x25
17	1	Plane Bearing 8
18	1	Thrust Needle Bearing 821
19	1	Helical Gear 55
20	1	Clutch Cam
21	3	Steel Ball 4
22	1	Compression Spring 9
23	1	Spindle
24	1	Steel Ball 3.5
25	1	Plane Bearing 14
26	1	Plate
27	1	Ratchet Wheel
28	1	Ratchet Disc
29	1	Leaf Spring
30	1	Sleeve 4
31	1	Flat Head Screw M3x3
32	1	Pan Head Screw M4x18 (With Washer)
33	2	Hex. Socket Head Bolt M4x8
34	2	Hex. Socket Head Bolt M4x8
35	1	Ball Bearing 606
36	1	Spiral Bevel Gear 22
37	1	Helical Gear 14
38	1	Ball Bearing 606
39	1	Name Plate
40	1	Housing Set (With Item 57)
41	1	Cord
42	1	Cord Guard
43	1	Strain Relief
44	2	Tapping Screw 4x18
45	1	Dust Cover
46	1	Switch
48	1	Switch SGEL108CV-1
49	1	Spiral Bevel Gear 15
50	1	O Ring 22.4
51	1	Ball Bearing 6000LLB
52	1	Fan 55
53	1	ARMATURE ASSEMBLY (With Item 51 — 53 & 55)
54	1	Field
55	1	Ball Bearing 627LLB
56	1	Holder Arm
57	1	Housing Set (With Item 40)
58	10	Tapping Screw BT4x20
59	1	Screw Guide
60	1	Tapping Screw BT4x20
61	1	Hook
62	2	Brush Holder Cap
63	2	Carbon Brush

Note: The switch and other part specifications may differ from country to country.

アメリカ

MAKITA LIMITED ONE YEAR WARRANTY

Warranty Policy

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is warranted to be free of defects from workmanship and materials for the period of ONE YEAR from the date of original purchase. Should any trouble develop during this one-year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers. If inspection shows the trouble is caused by defective workmanship or material, Makita will repair (or at our option, replace) without charge.

This Warranty does not apply where:

- repairs have been made or attempted by others;
- repairs are required because of normal wear and tear;
- The tool has been abused, misused or improperly maintained;
- alterations have been made to the tool.

IN NO EVENT SHALL MAKITA BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM THE SALE OR USE OF THE PRODUCT. THIS DISCLAIMER APPLIES BOTH DURING AND AFTER THE TERM OF THIS WARRANTY.

MAKITA DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE," AFTER THE ONE-YEAR TERM OF THIS WARRANTY.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

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883879A064

PRINTED IN JAPAN
1995 — 3 — N